

Partner for specialist retailers

Into the Future with our Innovations



Universal pocket caliper "Pocket Talent" 😇 🕃 🖭



The all-round talent that can be used for internal and external measurements. It can be combined with all common types of measuring inserts for indicators with a standard M 2.5 thread. Therefore, the small universal caliper from HELIOS • PREISSER offers you virtually unlimited measurement applications.



DIGI-MET

HELIOS PREISSER



RS 232 + Digimatic + USB PRESET Function (setting a numerical value)



POCKET-TALENT



· accurate setting standard

Specification

- Stainless steel
- Factory standard
- · Locking screw
- · For internal and external measurements
- Individually adaptable on problematic tasks through measuring inserts with thread M 2.5

Electronic functions

ON/OFF switch

NEW

- QuickLock Function
- QuickStart Electronic
- Zero setting at any position mm/inch conversion

Shipment

 Shipment in wooden case, incl. setting standard and * 2 pairs of measuring inserts Balls Ø 5.0 mm Planar surface Ø 4.8 mm



(Measuri	ng range	Jaw length		Reading		Ref. No.	
ı	mm	inch	mm	inch	mm	inch		
	150	6	40	1.57	0.01	.0005	1326 932	









DIGI-MET® Pocket calipers



Specification

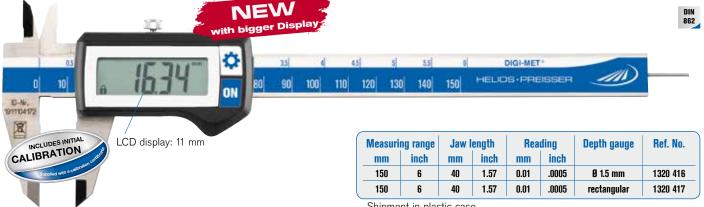
- Protection class IP67
- Four way measurement
- Stainless steel

- · Locking screw
- Inside cross points

Electronic functions

- ON/OFF switch
- QuickLock Function
- QuickStart Electronic
- Zero setting at any position
- mm/inch conversion





Shipment in plastic case



LCD display: 11 mm

Additional Extra

PRESET Function (setting a numerical value)



	Measuring range		Jaw length		Reading		Depth gauge	Ref. No.
ı	mm	inch	mm	inch	mm	inch		
ı	150	6	40	1.57	0.01	.0005	Ø 1.5 mm	1326 416
	150	6	40	1.57	0.01	.0005	rectangular	1326 417

Shipment in plastic case



Shipment in plastic case

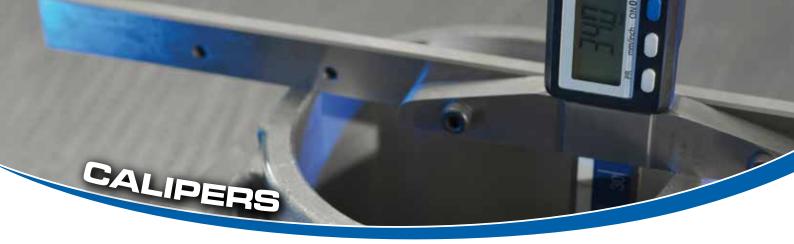












DIGI-MET® Depth gauges IP67





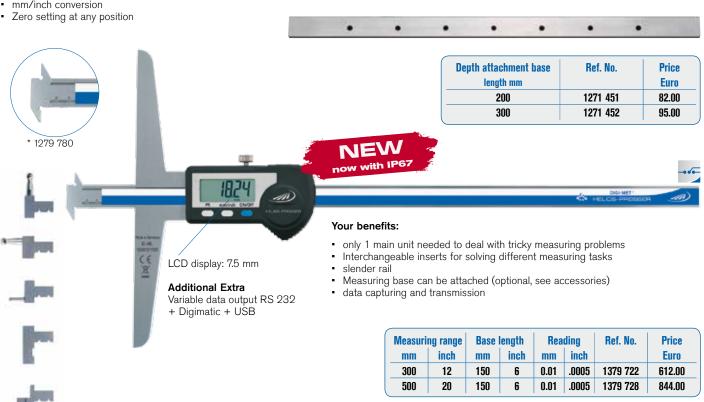


Electronic functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Function
- mm/inch conversion

Extension depth attachment base

for depth gauges 1371...



Shipment in wooden case incl. insert for width and distance measurements















with slender rail

Specification

- Protection class IP67
- Stainless steel
- LCD display: 7.5 mm Locking screw
- Shipment in wooden case

Electronic functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Function
- Zero setting at any position mm/inch conversion
- Variable data output RS 232 + Digimatic + USB

m)





Measuri	ng range	Base	Base length		ding	Ref. No.	
mm	inch	mm	inch	mm	inch		
300	12	150	6	0.01	.0005	1360 722	





DIN 862





with replaceable pin





Measuri	ng range	Base length		Reading		Ref. No.	Price
mm	inch	mm	inch	mm	inch		Euro
300	12	150	6	0.01	.0005	1364 728	418.00

with L shaped measuring rod





(Measuri	ng range	Base length		Reading		Ref. No.	Price	
	mm	inch	mm	inch	mm	inch		Euro	
	300	12	150	6	0.01	.0005	1362 722	397.00	

with straight measuring rod



Measuri	ng range	Base	length	Reading		Ref. No.	Price	
mm	inch	mm	inch	mm	inch		Euro	
300	12	150	6	0.01	.0005	1368 722	397.00	

Optional:

Sliding measuring base, see catalogue p. 74











DIGI-MET® Indicators



for static measurements

Specification

- Housing dia. 60 mm
- Replacement probe tip M 2.5
- Clamping shank dia. 8 mm
- Factory standard
- Hardened stainless steel spindle

Electronic functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Function
- Zero setting at any position
- Reversal of counting direction
- mm/inch conversion
- Individual buttons can be locked
- Variable data output RS 232 + Digimatic + USB
- PRESET Function (setting a numerical value)







Measuri	ng range	Reading		Error limit	Ref. No.	Promotion Price	
mm	inch	mm	inch	μm		Euro	
12.5	.5	0.01	.0005	20	1722 502	119.00	
12.5	.5	0.001	.00005	5	1724 502	199.00	

Shipment in Cardboard box

Specification

6

- Aluminium housing
- Protection class IP42
- Display unit can be rotated through 280°
- LCD display with 11 mm high numerals

Extras

- Absolute function (display can be set to zero without losing the Preset value)
- Tolerance function
- Factor input

Measuri	ng range	Reading	Error	Ref. No.	Price					
mm	mm inch mm		Total span µm	Partial span** µm		Euro				
Reading 0.01 mm										
12.5	.5	0.01	20	-	1728 502	267.00				
25.0	1.0	0.01	20	-	1728 506	340.00				
Reading	0.001 mr	n								
12.5	.5	0.001*	4	2	1726 502	319.00				
25.0	1.0	0.001*	4	2	1726 506	351.00				

 $^{^\}star$ Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm ** Partial span= 25 steps by step value 0.0005 mm





DIGI-MET® Indicators

Specification

- Aluminium housing
- Outer ring (Bezel) dia. 60 mm •
- Replacement probe tip M 2.5
- Protection class IP 54
- Clamping shank dia. 8 mm
- Display unit can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard
- Shipment in cardboard box

Electronic functions

- ON/OFF switch
- QuickStart Electronic
- QuickLock Function
- Zero setting at any position
- mm/inch conversion
- Absolute function (display can be set to zero without losing the PRESET value)
- Tolerance function
- Reversal of counting direction

- Factor input
- Individual buttons can be locked
- Variable data output RS 232 + Digimatic + USB
- PRESET Function (setting a numerical value)



Measuring range		Reading	Error	Ref. No.	Price	
mm	inch	mm	Total span µm	Partial span** µm		Euro
12.5	.5	0.001*	4	2	1730 502	353.00
25.0	1.0	0.001*	4	2	1730 506	398.00

^{*} Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm

Dial comparator gauge MICROTAST







Specification

- Measuring spindle is made of hardened stainless steel
- Longer measuring spindle
- Replacement probe tip M 2.5
- Clamping shank dia. 8 mm
- Tolerance markers
- Shockproof
- Fine adjustment
- DIN 879
- Shipment in Case



Measuring range	Reading	Dial reading	Overtravel	Ref. No.	Promotion Price
mm	mm		mm		Euro
0.5	0.01	25-0-25	2.5	0712 121	129.00
0.1	0.001	50-0-50	3.0	0712 124	149.00

0770 103

Compact measuring stands

0712 124

Specification

- Cast base
- Chrome finished columns
- Hardened steel table
- With dust grooves
- With mounting hole for dial gauges dia. 8 mm
- Shipment in cardboard box

Measuring height	Reach	Column	Transverse arm	Table surface	Ref. No.	Promotion Price
mm	mm	dia. mm	dia. mm	mm		Euro
With fixed arm						
100	49	22	_	60 x 68	0770 103	155.00
With adjustable to	ansverse ar	m				
100	100	22	18	60 x 68	0770 201	189.00



PROMOTIO

^{**} Partial span= 25 steps by step value 0.0005 mm



Precision dial micrometers



Specification

- DIN 863-3
- Reading: 0.01 mm
- Reading on the dial: 1 μm
- Reading parts are satin chrome finished
- Retraction stroke 1.5 mm
- Spindle made of hardened stainless steel
- · Constant measuring force
- Locking lever

- Carbide measuring facesThermally insulated
- Adjustable tolerance markers



Meas	uring	range	Spindle dia.	Thimble dia.	Pitch	Ref. No.	Price	
l	mm		mm	mm	mm		Euro	
0	-	25	7.5	17.5	0.5	0849 501	680.00	
25	-	50	7.5	17.5	0.5	0849 502	809.00	

Shipment in wooden case





Retraction stroke 1.2 mm

	Measuring range		Spindle dia.	Thimble dia.	Pitch	Ref. No.	Price	
	mm		mm	mm			Euro	
Ī	0	-	25	7.5	17.5	0.5	0850 511	538.00
	25	-	50	7.5	17.5	0.5	0850 512	597.00
	50 - 100		7.5	17.5	0.5	0.5 0850 514		

Shipment in wooden case, incl. dial comparator gauge

External micrometers



Specification

- DIN 863-1
- Reading: 0.01 mm
- Reading parts are satin chrome-finished
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Coated steel frame
- From measuring range 25 - 50 mm upwards includes a setting gauge
- Shipment in plastic case

Measuring range			Spindle dia.	Thimble dia.	Pitch	Ref. No.	Promotion Price
mm			mm	mm	mm		Euro
0	-	25	6.5	17.5	0.5	0806 521	37.00
25	-	50	6.5	17.5	0.5	0806 522	57.00
50	-	75	6.5	17.5	0.5	0806 523	72.00
75	-	100	6.5	17.5	0.5	0806 524	82.00



Holder for external micrometers

Specification

With heavy cast-iron base

PROMOTION

- Vertically rotating and lockable
- Shipment in cardboard box

Ref. No.
0807 101
_





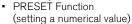
Set of DIGI-MET® 2 point internal micrometers

Specification

- Switchable increment value 0.01/0.001/0.0005 mm
- Repeatability1 μm
- Protection class IP65
- LCD-display 6 mm
- Hard chrome plated measuring head
- For fast and accurate measurements of small holes
- Compact design. Can be used like a ballpoint pen
- Setting with setting ring
- Shipment in wooden case

Electronic functions

- ON/OFF switch
- mm/inch conversion
- Hold function
- Data output RS 232
- Proximity











Measuring range	Measuring depth	No. of	Setting ring dia.	Ref. No.	Price
mm	mm mm		probes mm		Euro
0.95 - 1.55	0.60 - 11	5	1 / 1.1 / 1.2 / 1.3 / 1.4	0727 752	2,450.00
1.50 - 2.45	0.90 - 17	3	1.75 / 2 / 2.25	0727 755	1,540.00
2.25 - 4.25	1.20 - 22	7	2.5 / 2.75 / 3 / 3.25 / 3.5 / 3.75 / 4	0727 758	2,190.00
3.65 - 6.35	2.00 - 40	5	4 / 4.5 / 5 / 5.5 / 6	0727 761	1.740.00



3 point internal micrometers





Specification

- DIN 863-4
- Reading: 0.001 mm*
- Reading: 0.005 mm
- Reading parts are satin chrome finished
- Pitch 0.5 mm
- Carbide tipped measuring pins from measuring range 19 mm
- Ratchet stop
- From measuring range 12 mm for through and blind holes
- Calibration certificate for ring and device
- Shipment in plastic case
- incl. setting ring

Individual devices



5

100





- 100

97





485.00

1921 534







Inclusive!

Sets

25

Meası	ıring mm	range	Thimble mm	Setting ring dia.	Ref. No.	Promotion Price Euro
6	-	12	16	8 + 10	1920 574*	799.00
12	-	20	16	16	1920 576*	619.00
20	-	50	25	25 + 40	1920 578	1,399.00
50	-	100	25	60 + 85	1920 580	1,669.00

DIGI-MET[®] 3 point internal micrometers 🕴 🚾 🗞 🔤













Inclusive!

Individual devices



Measu	ırin	g range	Measuring depth	Accuracy	Setting ring dia.	Ref. No.	Price	Ref. No.	Price
	mn	n	mm	μm	mm	without Bluetooth	Euro	∦ Bluetooth	Euro
6	-	8	58	4	8.0	0907 706	983.00	0907 806	1,058.00
8	-	10	58	4	8.0	0907 707	983.00	0907 807	1,058.00
10	-	12.5	58	4	12.5	0907 708	995.00	0907 808	1,070.00
12.5	-	16	62	4	12.5	0907 709	1,009.00	0907 809	1,084.00
16	-	20	62	4	20.0	0907 710	1,009.00	0907 810	1,084.00
20	-	25	66	4	20.0	0907 711	1,212.00	0907 811	1,287.00
25	-	35	66	4	35.0	0907 712	1,393.00	0907 812	1,468.00
35	-	50	80	4	35.0	0907 713	1,448.00	0907 813	1,523.00
50	-	65	80	5	65.0	0907 714	1,611.00	0907 814	1,686.00
65	-	80	80	5	65.0	0907 715	1,611.00	0907 815	1,686.00
80	-	100	100	5	80.0	0907 716	1,698.00	0907 816	1,773.00

Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP67
- LCD display
- Certificate for setting ring and internal micrometer
- Ratchet stop
- For through holes
- From measuring range 12.5 mm for through and blind holes
- From measuring range 12.5 mm with carbide tipped measuring faces

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output: 2 versions to choose (see table) - serial interface RS 232 Power
- wireless data transfer via Bluetooth
- Max/Min value memory
- Hold Function
- PRESET Function (setting a numerical value)
- Tolerance function



Sets

Meas	urin	ring range Setting ring dia.		Ref. No.	Price
	mn	1	mm		Euro
∦ Blue	etoo	th			
6	-	10	8.0	0907 853	1,434.00
10	-	20	12.5 / 20.0	0907 855	1,719.00
20	-	50	20.0 / 35.0	0907 857	2,341.00
50	-	100	65.0 / 80.0	0907 859	2,594.00
witho	ut B	luetooth			
6	-	10	8.0	0907 753	1,359.00
10	-	20	12.5 / 20.0	0907 755	1,644.00
20	-	50	20.0 / 35.0	0907 757	2,266.00
50	-	100	65.0 / 80.0	0907 759	2,519.00



DIGI-MET® 3 point internal micrometer











Specification

- DIN 863-4
- Reading: 0.001 mm / .00005 inch
- Protection class IP67
- With pistol grip
- From measuring range 12.5 mm with carbide tipped measuring faces
- Rotateable LCD display
- For through holes
- Certificate for setting ring and micrometer
- From measuring range 12.5 mm for through and blind holes
- Shipment in wooden case, incl. With setting ring

Electronic functions

- ON/OFF switch
- Zero setting at any position
- mm/inch conversion
- Data output: 2 versions to choose (see table) - serial interface RS 232 Power
 - wireless data transfer via Bluetooth
- MAX/MIN value memory
- Hold Function
- PRESET Function
- (setting a numerical value)
- Tolerance function



Measuring range		g range	Measuring depth	Accuracy	Setting ring dia.	Ref. No.	Price	Ref. No.	Price
	mn	1	mm	μm	mm	without Bluetooth	Euro	♦ Bluetooth	Euro
6	-	8	58	4	8.0	0908 706	1,160.00	0908 806	1,235.00
8	-	10	58	4	8.0	0908 707	1,134.00	0908 807	1,209.00
10	-	12.5	58	4	12.5	0908 708	1,197.00	0908 808	1,272.00
12.5	-	16	62	4	12.5	0908 709	1,214.00	0908 809	1,289.00
16	-	20	62	4	20.0	0908 710	1,287.00	0908 810	1,362.00
20	-	25	66	4	20.0	0908 711	1,374.00	0908 811	1,449.00
25	-	35	66	4	35.0	0908 712	1,491.00	0908 812	1,566.00
35	-	50	80	4	35.0	0908 713	1,523.00	0908 813	1,598.00
50	-	65	80	5	65.0	0908 714	1,568.00	0908 814	1,643.00
65	-	80	80	5	65.0	0908 715	1,568.00	0908 815	1,643.00
80	-	100	100	5	80.0	0908 716	1,672.00	0908 816	1,747.00



M	easurin	j ran	ge		Setting ring dia.	Ref. No.	Price
n	ım	inch			mm		Euro
with I	Bluetootl	h					
6 -	10	1/4	-	3/8	8.0	0908 853	1,482.00
10 -	20	3/8	-	3/4	12.5 / 20.0	0908 855	1,737.00
20 -	50	3/4	-	2	20.0 / 35.0	0908 857	2,252.00
20 -	100	3/4	-	4	20.0 / 35.0 / 65.0 / 80.0	0908 873	3,688.00
witho	ut Bluet	ooth					
6 -	10	1/4	-	3/8	8.0	0908 753	1,407.00
10 -	20	3/8	-	3/4	12.5 / 20.0	0908 755	1,662.00
20 -	50	3/4	-	2	20.0 / 35.0	0908 757	2,177.00
20 - 100 3/4 - 4		20.0 / 35.0 / 65.0 / 80.0 0908 773		3,613.00			

12





Analogue height and scribing gauges

Specification

- · Measuring beam is made from special steel
- Vernier and scale are satin chrome finished
- Parallax-free reading
- Setting screw
- ① Fine adjustment
- 2 Accurate fine adjustment on gear rack and setting
- wheel with pinion
- Steel base with dirt grooves
- Scribing possible from base plate level
- Factory standard
- Shipment with exchangeable scriber, carbide tipped





2 Accurate fine adjustment on gear rack

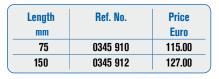
Measuring range mm	Measuring beam mm	Base mm	Ref. No.	Price Euro
With fine adjustme	nt			
300	30 x 12	145 x 90 x 44	0345 522	359.00
600	30 x 12	189 x 118 x 44	0345 530	449.00
1000	30 x 12	189 x 118 x 44	0345 534	619.00
With pinion				
300	30 x 12	145 x 90 x 44	0347 522	459.00
600	30 x 12	189 x 118 x 44	0347 530	579.00
1000	30 x 12	189 x 118 x 44	0347 534	799.00

① Fine adjustment

Replacement scribers

Specification

- Carbide tipped
- Packing: individually packed













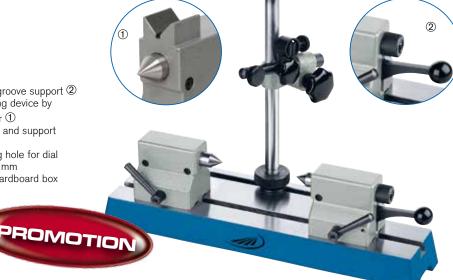
Bench centres

Specification

- Finely ground surface, flatness tolerance according to DIN 876-2
- With two adjustable tailstocks
- Left tailstock with fixed centre
- Right tailstock with retractable spring mounted centre, free lift appr. 10 mm
- Tailstocks can be clamped via an eccentric clamp
- Tailstocks height 75 mm with

integrated V-groove support ②

- Quick-clamping device by clamping lever ①
- With T-groove and support column
- With mounting hole for dial gauges dia. 8 mm Shipment in cardboard box



Height of centres	Max. work load per tailstock	Width between centres	Centre dia.	Width of T-grooves	Base	Ref. No.	Promotion Price
mm	kg	mm	mm	mm	mm		Euro
50	5	200	16	10	350 x 110	0780 101	475.00
50	5	350	16	10	500 x 110	0780 102	599.00
75	5	200	16	10	350 x 110	0780 104*	549.00
75	5	350	16	10	500 x 110	0780 105*	619.00

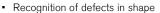
^{*} with integrated V-groove support on the tailstocks

Pair of V-groove and roller supports for 0780

Application

- For workpieces without centering
- Functional test through applying on e.g. plain lateral surface

V-groove surfaces are hardened, replaceable





10
O A

_					
•	Height*	Width of T-grooves	Surface	Ref. No.	Price
	mm	mm	dia. mm		Euro
	65	10	5 - 25	0780 032	149.00
	100	12	5 - 50	0780 033	214.00

^{*} based on the center of an axis of a shaft dia. 10 mm







Runout tolerance of the rollers: 0.005 mm



Our particular strength!

custom-made products for customer requirements

High quality precision measuring instruments. Developed and manufactured by us according to your individual requirements

and areas of application

Gepr

aßtoleranz JIN ISO 2768 m Datum Bearb Name 31.05.15 M. Müller

Maßstab: 1:1

Benennung

Answer:

Surname: Forename:

Company: DOB.:

E-Mail: City/zip:

Country:

By participating in the contest, I agree to the terms and conditions.*

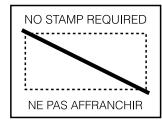
I agree that, in case of winning, my name and adress will be published online on the HELIOS-PREISSER GmbH website.**

I agree to receive further information about products and events of HELIOS-PREISSER GmbH via e-mail

Date, Signature:

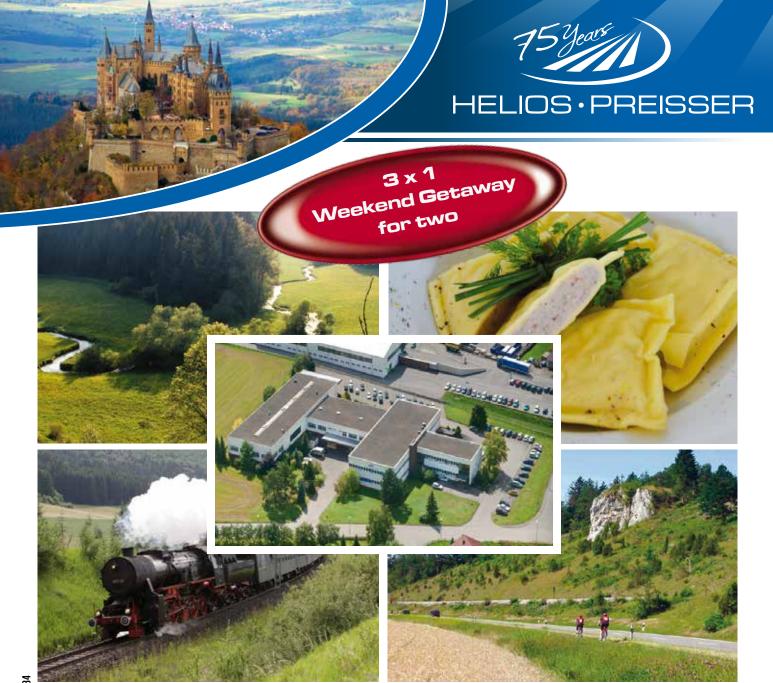
Eligibility requirements: Entitled to participate are all persons over the age of 18. Employees of HELIOS-PREISSER GmbH and their relatives are excluded from participation. Participation via lottery clubs, agencies and automated services is not permitted. Each participant may enter the lucky draw only once. Prizes are three get to know-weekends on the Swabian Alb. The winners will be drawn A pavout in cash is random and notified by mail or e-mail. If notification fails due to incorrect contact information, another winner will be drawn. A pavout in cash is not possible. The **Weekend Getaway includes** two overnight stays for two persons at a time. The arrival is at your own account. The fringe events will be organised and determined by HELIOS-PREISSER GmbH. The travel period is dependent on the availability of the hotel. The prize will be invalidated, should participation on the relevant date not be possible for the winner. Any recourse to courts of law is excluded. The closing date for the competition is the 29.02.2016. The draw will take place on the 15.03.2016.

** The consent can be revoked towards the HELIOS-PREISSER GmbH at any time and the further use of the data may be cancelled at any time.



BUSINESS REPLY/RÉPONSE PAYÉE GERMANY/ALLEMAGNE

HELIOS-PREISSER GmbH Steinbeisstraße 6 72501 Gammertingen Germany



- Illustrations and descriptions are current to the date of printing. *All prices stated are exclusive of VAT.
 Photo material courtesy of the city of Gammertingen, Schwäbische Alb Tourismusverband e.V., Eisenbahnfreunde Zollernbahn e.V. and Albmetzgerei Steinhart.
 Reproduction and / or duplication in any way, including excerpts, is only permitted with the explicit written consent of HELIOS-PREISSER GmbH.

